## Message

From: Bahadori, Tina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7DA7967DCAFB4C5BBC39C666FEE31EC3-BAHADORI, TINA]

**Sent**: 10/1/2018 1:14:27 PM

To: Gentry, Nathan [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=a8f7a2857a234d06b785cc36c73fdddd-Gentry, Nathan]

**Subject**: Re: Follow-up for Jan. 24th 2pm Meeting

Ok. May I also have it for IRIS tracking. We neglected to put this in the formaldehyde record of stakeholder meetings. Thank you!

Tina

On Oct 1, 2018, at 8:51 AM, Gentry, Nathan < Gentry. Nathan@epa.gov > wrote:

I provided this to Lou last week.

Nathan Gentry

Scheduler for Jennifer Orme-Zavaleta, Chris Robbins and Bruce Rodan

**Assistant Deputy Ethics Official** 

EPA Office of Research and Development

Phone: 202-564-9084 Fax: 202-565-2430

From: White, Kimberly [mailto:Kimberly\_White@americanchemistry.com]

Sent: Tuesday, January 16, 2018 2:56 PM

**To:** Gentry, Nathan < <u>Gentry.Nathan@epa.gov</u>> **Subject:** Follow-up for Jan. 24th 2pm Meeting

Dear Nathan:

Thank you again for scheduling the upcoming January 24<sup>th</sup> 2pm (ET) meeting with Dr. Orme-Zavaleta. Below is a list of the planned attendees for the meeting. Can you confirm the meeting address and any additional planned attendees from EPA?

Stephanie Daigle - Celanese
David Dunlap - Koch Industries, Inc.
David Fischer - American Chemistry Council
Charlie Grizzle - The Grizzle Company
Mark Gruenwald - Hexion, Inc.
Raj Sharma - Georgia-Pacific
Jim Sherman - Celanese
Kimberly White - American Chemistry Council

Kind Regards,

Kimberly Wise White, Ph.D. | American Chemistry Council Senior Director, Chemical Products & Technology Division Kimberly White@americanchemistry.com
700 2<sup>nd</sup> Street NE | Washington, DC | 20002
0: (202) 249-6707 C: (202) 341-7602
www.americanchemistry.com

From: Gentry, Nathan [mailto:Gentry.Nathan@epa.gov]

Sent: Monday, December 4, 2017 12:04 PM

**To:** White, Kimberly **Subject:** RE: Follow-up

Yes, that works. I'll hold the time on Jennifer's calendar. When you get the chance, can you please send me the list of attendees from your group?

Nathan Gentry

Scheduler for Jennifer Orme-Zavaleta, Richard Yamada, Chris Robbins and Bruce Rodan

Assistant Deputy Ethics Official

EPA Office of Research and Development

Phone: 202-564-9084 Fax: 202-565-2430

From: White, Kimberly [mailto:Kimberly White@americanchemistry.com]

**Sent:** Monday, December 04, 2017 12:00 PM **To:** Gentry, Nathan < Gentry.Nathan@epa.gov>

Subject: RE: Follow-up

Dear Nathan,

How about January 24th at 2pm?

Kind Regards,

Kimberly Wise White, Ph.D. | American Chemistry Council Senior Director, Chemical Products & Technology Division Kimberly\_White@americanchemistry.com
700 2<sup>nd</sup> Street NE | Washington, DC | 20002
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**From:** Gentry, Nathan [mailto:Gentry.Nathan@epa.gov]

Sent: Monday, December 4, 2017 8:58 AM

**To:** White, Kimberly **Subject:** RE: Follow-up

Jennifer is wide open January 23-25. Is there a specific time that works for your group?

Nathan Gentry

Scheduler for Jennifer Orme-Zavaleta, Richard Yamada, Chris Robbins and Bruce Rodan

Assistant Deputy Ethics Official

EPA Office of Research and Development

Phone: 202-564-9084 Fax: 202-565-2430

From: White, Kimberly [mailto:Kimberly White@americanchemistry.com]

Sent: Monday, December 04, 2017 8:51 AM

To: Orme-Zavaleta, Jennifer < Orme-Zavaleta. Jennifer@epa.gov>

Cc: Gentry, Nathan < Gentry. Nathan@epa.gov>

Subject: RE: Follow-up

Great, thank you.

Nathan, feel free to email or give me a call (202-249-6707).

Kind Regards,

Kimberly Wise White, Ph.D. | American Chemistry Council Senior Director, Chemical Products & Technology Division Kimberly\_White@americanchemistry.com
700 2<sup>nd</sup> Street NE | Washington, DC | 20002
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From: Orme-Zavaleta, Jennifer [mailto:Orme-Zavaleta.Jennifer@epa.gov]

Sent: Monday, December 4, 2017 8:49 AM

**To:** White, Kimberly **Cc:** Gentry, Nathan **Subject:** RE: Follow-up

Thanks for the note and the information. I am cc'ing Nathan Gentry who can follow up with scheduling a time.

Have a good week!

Jennifer Orme-Zavaleta, PhD
Principal Deputy Assistant Administrator for Science
USEPA Office of Research and Development

RTP Personal Matters / Ex. 6
919
orme-zavaleta.jennirer@epa.gov

From: White, Kimberly [mailto:Kimberly White@americanchemistry.com]

Sent: Monday, December 04, 2017 8:22 AM

To: Orme-Zavaleta, Jennifer < Orme-Zavaleta. Jennifer@epa.gov>

Subject: Follow-up

Dear Dr. Orme-Zavaleta,

Thank you for your initial response to my November 21<sup>st</sup> letter. Do you have availability for a 1 hour meeting in Washington, DC sometime during the week of January 22<sup>nd</sup> to discuss further?

Separately, I also wanted to alert you to a recently published article by Mundt et al. titled "Six years after the NRC Review of EPA's Draft IRIS Toxicological Review of Formaldehyde: Regulatory implications of new science in evaluating formaldehyde leukemogenicity". I have appended a copy of the in press version to this email and excerpted the abstract below.

<u>Regul Toxicol Pharmacol.</u> 2017 Nov 17. pii: S0273-2300(17)30363-X. doi: 10.1016/j.yrtph.2017.11.006. [Epub ahead of print]

Six years after the NRC Review of EPA's Draft IRIS Toxicological Review of Formaldehyde: Regulator y implications of new science in evaluating formaldehyde leukemogenicity.

Mundt KA<sup>1</sup>, Gentry PR<sup>2</sup>, Dell LD<sup>2</sup>, Rodricks JV<sup>2</sup>, Boffetta P<sup>3</sup>. Author information

Abstract

Shortly after the International Agency for Research on Cancer (IARC) determined that formaldehyde causes leukemia, the United States Environmental Protection Agency (EPA) released its Draft IRIS Toxicological Review of Formaldehyde, also concluding that formaldehydecauses leukemia. Peer review of the EPA Draft IRIS Assessment by a National Academy of Science committee noted that "causal determinations are not supported by the narrative provided in the draft" {NRC 2011}. They offered recommendations for improving the IRISreview and identified several important research gaps. Over the six years since the NRC peer review, significant new science has been published. We identify and summarize key NRC recommendations and map them to this new science, including extended analysis of epidemiological studies, updates of earlier occupational cohort studies, toxicological experiments using a sensitive mouse strain, mechanistic studies examining the role of exogenous versus endogenous formaldehyde in bone marrow, and several critical reviews. With few exceptions, new findings are consistently negative, and integration of all available evidence challenges the earlier conclusions that formaldehyde causes leukemia. Given formaldehyde's commercial importance, environmental ubiquity and endogenous production, accurate hazard classification and risk evaluation of whether exposure to formaldehyde from occupational, residential and consumer products causes leukemia are critical.

## **KEYWORDS:**

Epidemiology;	Evidence in	ntegration;	Hazard	evaluation;	Mechanistic	studies;	Regulatory	science;
Toxicology								

Kind Regards,

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